

Tripping Through Our Galaxy: Lesson Three:

Title: Planet Report

Grade: 3rd

Subject: Science

Topic of Lesson: Researching a planet and writing an outline

Standards

Content Area: Science

Standard #: Earth and Space Science: Students know and understand the processes and interaction of Earth's systems and the structure and dynamics of Earth and other objects in space.

Benchmark/Grade Level Expectancy: Recognizes objects in space and interaction with Earth's systems

- Label objects in the sky that can be viewed unaided
- Identify sun, moon, and stars
- Associate sun with daylight and stars with twilight/evening
- Identify the sun as a source of heat and light
- Describe the effects of sun's light and heat on living things
- Recognizes that earth's rotation causes the sun to appear differently throughout the day
- Recognize that objects in the sky have patterns of movement
- Identify the moon's appearance using quantitative labels
- Distinguish between fiction and fact regarding space exploration
- Recognize how aerospace design impacts space travel
- Identify ways in which basic needs can be met in space

Overview

Objective: For students to research, outline and finish the written portion of the planet report.

Assessment Plan: Make a rubric that can be used to grade the reports. The rubric is based off the worksheets that the students complete.

Learning Context: The students should have done reports in the second grade. Since this is the first report in the third grade students will be working on their reports on in class. The report should not be taken home until complete.

Time Allotment: 4 days (40 minutes each day)

Instructional Materials:

Teacher Materials:

- Computers with power point on them
- Planet worksheets
- Paper to write on
- Rubrics to grade the paper and presentation

Student Materials:

- Science notebook
- Pencil
- Planet worksheet

Sequence of Procedures (This is where the teaching begins)

Opening

Gaining Attention: Hand out the planet worksheet. Talk about how they have seen it before and that this is the information that they need for their reports.

Assessing Prior Knowledge: Talk about how to write a report and discuss the parts that should be in the report and what could be left out according to the worksheet.

State Purpose (Objective) of Lesson: Students will begin working on the written and Power Point portion of the report.

Body

Teacher Input(s): Go over the worksheet again with the students. Then talk about where the students can find information for the reports, books, internet, etc. Once the worksheet has been reviewed, the students can get to work. When they are done with the rough draft they will trade with a partner and look over each others papers. After they have traded with a partner the teacher will go over the report with them and help them edit. They will then write their final draft of their report. Once they are done with the final draft students will draw a picture of the planet. When they are done with the picture students will turn in the planet worksheet, the report and picture. Once all three pieces are collected students will get started on the power point. The students will then create two to five sides of information for their report and a picture for each slide. Once all the students are done they will present the projects to the class.

Guided Practice(s): As the students are working, the teacher will walk around to help the students with the report as needed.

Checks for Understanding: As the teacher reads the rough draft, she/he can see if they understand how to write a report and are learning about their planet.

Assessment (Independent Practice)

This is an informal assessment. Teacher will use a rubric that has been shared with the students to grade the papers.

Closure

Students will share their planet reports with the class before they type them.

Reteaching Activities:

Reteaching will be done as needed for each student.

Extension Activities:

Students will type the report after they are written by hand.

References:

<http://www.enchantedlearning.com/Home.html>

<http://www.enchantedlearning.com/subjects/astronomy/>

<http://www.enchantedlearning.com/graphicorganizers/astrorpt/planetrpt.shtml>